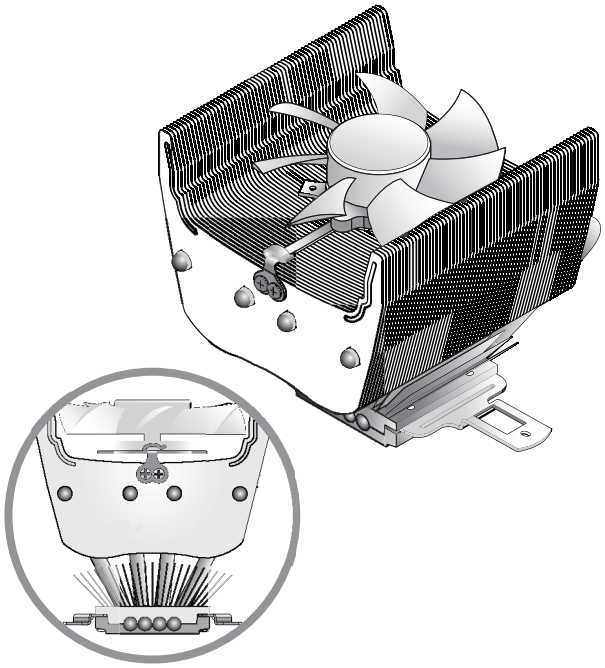
NEXUS

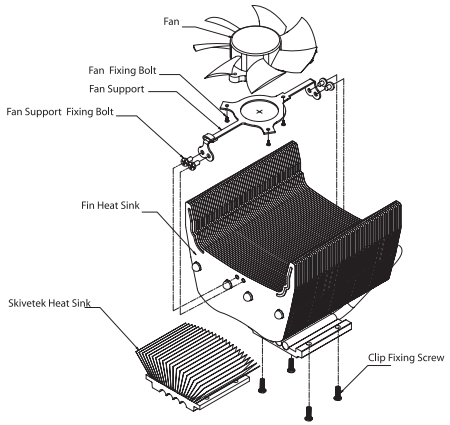


XiR-SERIES CPU COOLER MANUAL

1. Specifications

Dimensions (L x W x H)	106 x 122 x 111 mm (4.17 x 4.80 x 4.37 inch)
Material	Pure Copper - Base Pure Copper - Heat Pipe Pure Aluminium (XiR-2300) / Copper (XiR-3500) - Fins Pure Aluminum - Skivetek Heat Sink
Weight	392g (XiR-2300) / 736g (XiR-3500)
Fan Size	92 x 25mm (3.6 x 0.9 inch)
Fan voltage	12 V
Fan Functions	2 LED + Smart Fan (1200RPM ~ 2500RPM ±10%) Temperature Controlled by Fan Sensor
Fan Connector	4-Pins
Fan Noise	15dB(A) ~ 24dB(A) (Measured at 1meter from noise source)
Thermal Grease	Shinetsu 7762

2. Exploded View



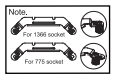
3. Components Check List

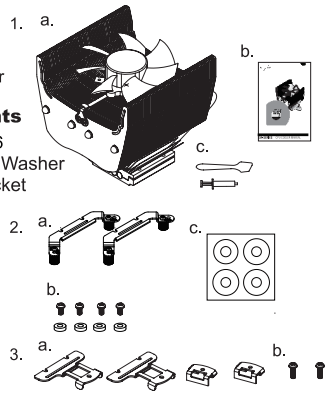
1. Main components
- a. XiR-2300/XiR-3500
- b. User manual
- c. Thermal grease with a spreader

2. Intel Mounting Components
- a. Two (2) Clips for Intel 775/1366
- b. Four (4) Installing Screws and Washer
- c. Four Mylar for 775/1366 Socket

3. AMD Components
- a. Two(2) Clips for AMD Sockets - 754, 939, 940, AM2
- b.Two(2) Installing screws

Note. you can change 775/1366 screw and nipple position for LGA 775 or 1366 socket





4. Precaution

a. DO NOT put your finger in the fan while spinning.

b. If excessive force is exerted on the fan, it may result in malfunction or damage to the product and/or the computer.

c. Keep the product away from the reach of children and pets.

d. Check the components list and condition of the product before installation. If any problem is found, contact your place of purchase to obtain a replacement/ refund.

e. Nexus is not responsible for any damages arising from using the product outside of its intended purpose.

f. Nexus is not responsible for CPU or Motherboard damages arising from improper cooler installation. Please make yourself familiar with XiR-series installation steps before installing the product.

5. CPU Compatibility

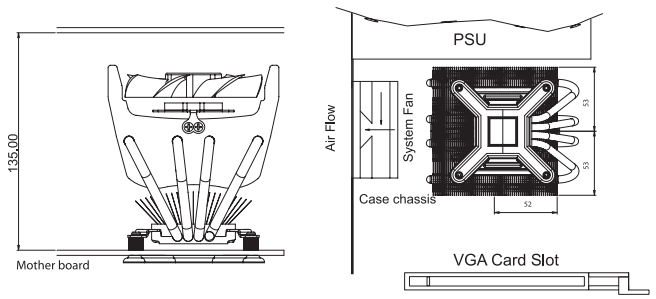
a. All Intel Dual Core Pentium CPUs, Pentium EE, Pentium D (Socket 775)
b. All AMD Dual Core X2 CPUs (AMD Socket AM2)
c. AMD Sempron, AMD Athlon64, Opteron (AMD Socket 754,939,940)

6. Low RPM Bios Issue

The system may shutdown automatically during boot up process due to insufficient fan speed, in such case, please disable CPU fan speed monitoring in BIOS, or set the fan speed to 1200rpm or below.

Please check the website of your motherboard manufacturer for more information regarding this issue. Disabling CPU fan speed monitoring in BIOS will not affect the performance of the computer.

7. Installation Requirements



8. Clip Installation

a. XiR-series clip installation depends on the motherboard's socket orientation.
Please follow the correct direction for your motherboard.

b. For Intel CPUs Use Intel clip (figure A)
Plug in the Intel clips then tighten up the four(4) screws
Please do not take off the Skivetek Heat Sink from the copper base

c. For AMD CPUs Use AMD clip (figure B)
Plug in the AMD clips then tighten up the four(4) screws
Please do not take off the Skivetek Heat Sink from the copper base

Figure A.

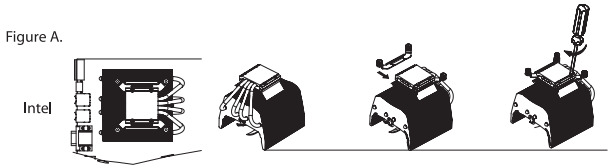
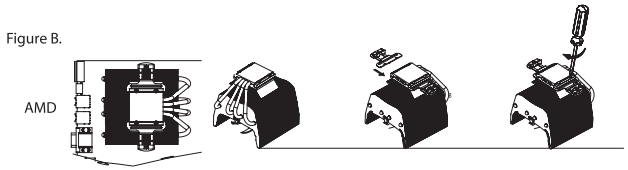


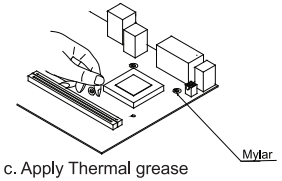
Figure B.

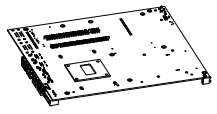


9. INTEL CPU Installation

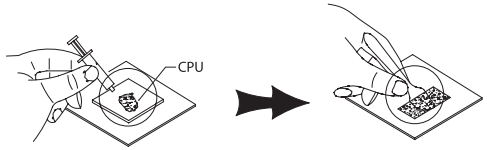
a. Install Clips
Please refer to chapter 8 for Intel and AMD clips installation

b. Install Mylar
- Please put the four (4) pieces of the Mylar onto the screws

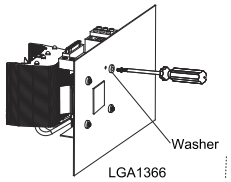




c. Apply Thermal grease
- Clean up the CPU surface.
- Apply the thermal grease on top of the CPU with spreader.
- Excess use of thermal grease may cause ineffective cooling performance.
- Spread the thermal grease thinnest possible onto CPU.



d. Mounting the Cooler onto the motherboard
- Place the motherboard vertically and place the washers at the holes then fasten the screws slightly.
Then fasten the screws in an alternating manner until the clip is completely pressed onto the motherboard.

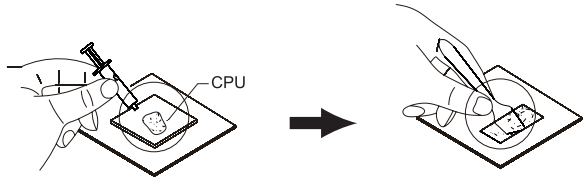


e. Fan Connector Plug in
- Insert the 4 pin fan connector into the motherboard fan header.

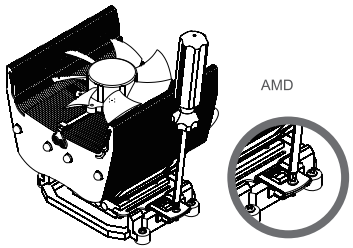
10. AMD CPU Installation

a. Install Clips
Please refer to chapter 8 for Intel and AMD clip installation.

b. Apply Thermal grease
- Clean up the CPU surface.
- Spread the thermal grease on top of the CPU with spreader.
- Excess use of thermal grease may cause ineffective cooling performance.
- Spread the thermal grease thinnest possible onto CPU.



c. Mounting XiR-series onto the CPU
Insert two(2) screws into each corner of the clip, then fasten the screws slightly at first. Then, fasten the screws in an alternating manner until the clip is completely pressed.



• It is recommended that a Phillips tipped screwdriver over 250mm in length is used for XiR-series instal lation on AMD CPU. To prevent displacement of the clip during XiR-series installation on AMD CPU, please hold the clips until the screw is securely tightened.

d. Fan Connector Plug in
- Insert the 4 pin fan connector into the motherboard fan header.

11. Notes on Usage

1) Checking CPU Compatibility

Please refer to chapter 5 for CPU Compatibility before using the XiR-Series.

2) Cautions during Boot up process

The system may shutdown automatically during boot up process due to insufficient fan speed, in such case, please disable CPU fan speed monitoring in BIOS, or set the fan speed to 1200rpm or below.
Please check the website of your motherboard manufacturer for more information regarding this issue. Disabling CPU fan speed monitoring in BIOS will not affect the performance of the computer.

3) OVERCLOCKING

Nexus is not responsible for any damage resulting from OVERCLOCKING.

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